

## CLAIMS

1. A battery powered lighter comprising:

a thin flat case;

a sheet type battery provided within the flat case;

5 a resistance wire heating element connected to the sheet type battery; and

a power switch for opening and closing the connection between the sheet type battery and the resistance wire heating element; wherein

10 the flat case comprises: an ignition window, open at a position where the heating element faces; a slide member for opening and closing the ignition window; and an operating button for operating the power switch;

an operation of the operating button is precluded in the state that the ignition window is closed by the slide member, by a portion of the slide member being interposed between contacts of the power switch; and

the power switch is capable of being closed and activated by an operation of the operating button, in the state that the ignition window is open.

2. A battery powered lighter as defined in claim 1, further comprising:

25 a display portion for an advertisement and the like provided on a flat surface of the flat case.

3. A battery powered lighter as defined in claim 1, wherein: an operating portion of the slide member and the operating button are positioned adjacent to each other on the flat case.

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4. A battery powered lighter as defined in claim 1, wherein: a fixing portion of the resistance wire heating element is structured of heat cured resin.

35 5. A battery powered lighter as defined in claim 1, wherein:

the sheet type battery is irreplaceably housed within the flat case, so that the lighter is disposable.

5        6. A battery powered lighter as defined in claim 1, wherein:  
a portion of the flat case is openable and closable; and  
the sheet type battery is replaceably housed therein.